



» Fermentation and storage tanks Rectangular base tank RS-M0 Rectangular stacking tank RA-M0

If the room you have is restricted, Speidel's cubical tanks are just the right thing for you! They fit perfectly, have perfect weld seams and their curves are easy to clean. Our serial production is more hygienic and cheaper than a customised version.

Therefore, we rather recommend our space-saving models. They guarantee you best Speidel quality, perfect fit, optimal hygiene and easy cleaning.

Perfect utilisation of space
for small, narrow cellars.



APPLICATION RANGE (PRESSURELESS)

- | | |
|---------------------|--------------------|
| › Storage | Ideal for |
| › Maturation | › Beer |
| › Fermentation | › Soft drinks |
| › Mixing / Blending | › Alcoholic drinks |
| › Processes | |

STANDARD EQUIPMENT FOR RECTANGULAR BASE TANK RS-MO / STACKING TANK RA-MO

- › Tank shell and tank bottom made of AISI 304 stainless steel, surface IIIId (2R), marbled outside
- › Tank top made of AISI 316 stainless steel, surface IIIId (2R), marbled outside
- › With lifting lugs
- › Base tank from 2,000 mm tank height upwards and stacking tank with ladder safety bow
- › Vaulted, stable tank top with moulded-on forward up-slope for complete filling and ventilation assuring a very small air contact area
- › Moulded connection neck with filling and vent neck, external thread NW 50 Rd 78x1/6"
- › Free-standing base tank on four welded-on legs
- › Stacking tank with four welded-on stacking legs

SAMPLING

- › Weld-on thread NW 10 DIN 11851 with sealing cap (for the installation of sample tap)

MANHOLE

- › Stable manhole neck seamlessly moulded from the tank shell, 420x320 mm, door with butterfly bow and hand wheel

RACKING OUTLET

- › With welded-on reinforcing plate with drilled hole 48 mm \varnothing to hold weld-on thread NW 40, NW 50 DIN 11851

FILL LEVEL











- › Weld-on thread NW 10 DIN 11851 with sealing cap including fastening points at tank shell (for the installation of fill level indicator)

BOTTOM OUTLET

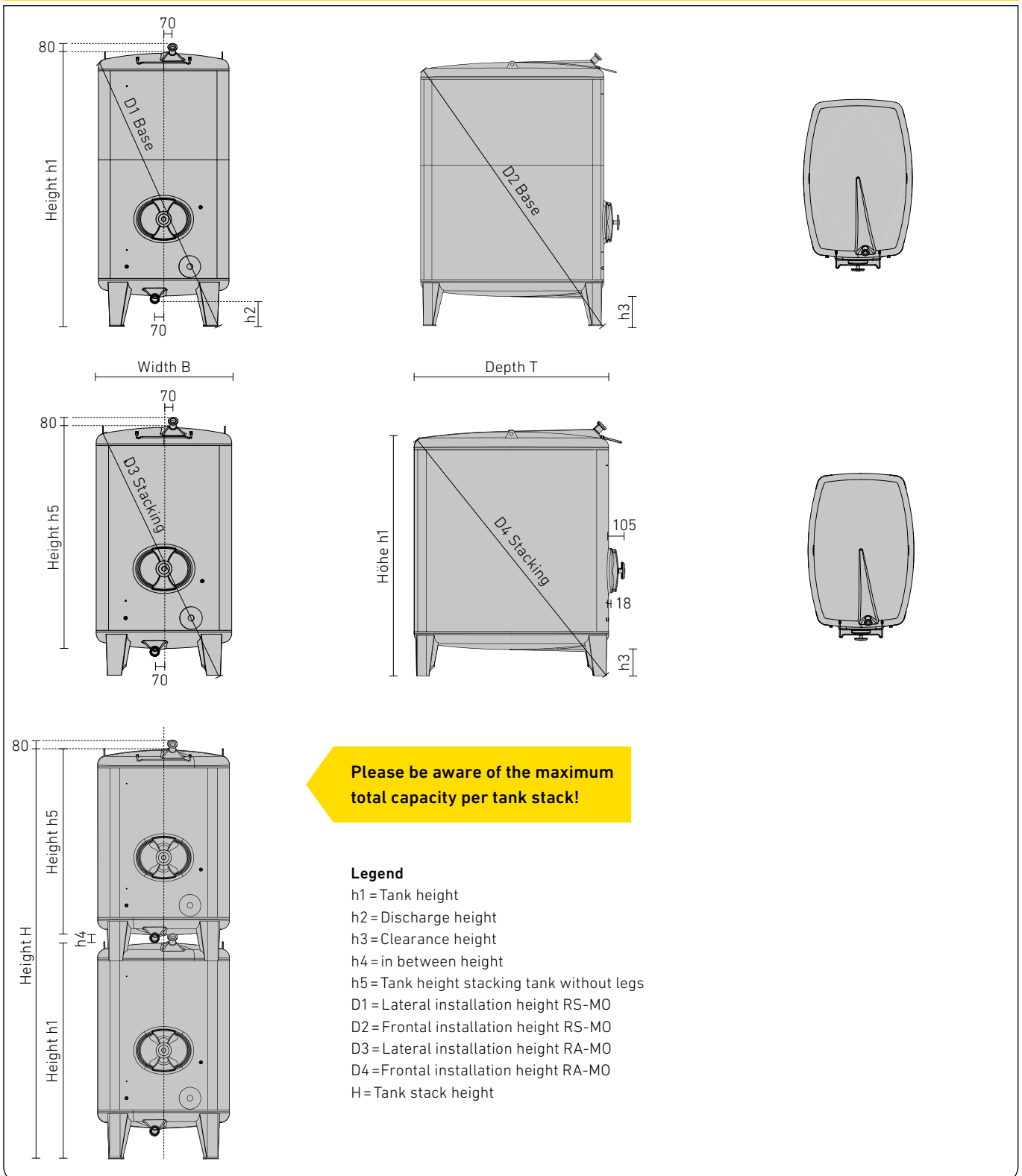
- › Vaulted, stable tank bottom with integrally moulded forward down-slope for complete draining with moulded connection neck, inhibiting suction effect with bottom outlet neck NW 50 DIN 11851



SET-UP EXAMPLE FOR RECTANGULAR BASE TANK RS-MO / STACKING TANK RA-MO

| | Item | Order No. |
|---|--|------------------------|
|  | Rectangular base tank RS-MO-110-2300 litres › h1 = approx. 1,797 mm › Standard equipment as on page 49 | RS-MO-110-2300 |
|  | Rectangular stacking tank RA-MO-110-2300 litres › h5 = 1,548 mm, H = 1,797 mm (h1) + 70 mm (h4) + 1,548 mm (h5) = 3,415 mm, $H_{ges} = 3,415 \text{ mm (H)} + 80 \text{ mm (connection)} + \text{approx. } 100 \text{ mm (height compensation)}$ = approx 3,595 mm › Standard equipment as on page 49 | RA-MO-110-2300 |
|  | Sampling (page 146) › With sampling tap NW 10 DIN 11851 | 2x 64949 |
|  | Racking outlet (page 142) › Welded gland with thread NW 50 DIN 1185 › With disc valve NW 50 DIN 11851 | 2x KA-120D 2x 64945 |
|  | Fill level (page 148) › Fill level indicator NW 10 mounted | 2x FS-130H |
|  | Bottom outlet (page 142) › With yeast plug › With disc valve NW 50 DIN 11851 | 2x HS-100A 2x 64945 |
|  | Temperature measurement (page 150) › Bi-metal dial thermometer \varnothing 100 mm, measuring range -20 °C to +60 °C › Threaded sleeve with locking screw and cap nut NW 10 DIN 11851 | 2x TM-140C |
|  | Heating and cooling jacket for base tank (page 100) › Double jacket C5 1,3 m ² with welded gland G 1" for connection to available warm water / cold water source › Version 1, layout 50, connection position C5 | 1C5 |
|  | Heating and cooling jacket for stacking tank (page 100) › Double jacket C5 1,3 m ² with welded gland G 1" for connection to available warm water / cold water source › Version 1, layout 50, connection position C5 | 1C5 |
|  | Adjustable feet (page 153) › With adjustable feet for tank legs (H = + approx. 100 mm) | 46126 |

DIMENSIONS OF RECTANGULAR BASE TANK RS-MO / STACKING TANK RA-MO



Intermediate sizes available

In case of 900x1,400 mm tank a 10 mm shell height equates to = 11.5 litres tank volume
 In case of 1,100x1,600 mm tank a 10 mm shell height equates to = 16.1 litres tank volume
 In case of 1,300x1,800 mm tank a 10 mm shell height equates to = 21.0 litres tank volume
 In case of 1,500x2,000 mm tank a 10 mm shell height equates to = 26.5 litres tank volume

Pricing for intermediate sizes

for intermediate sizes the price of the next larger size will apply (plus customization costs)

Option: Tank contact parts

made of AISI 316 stainless steel

Surface III d (2R), marbled outside
 on special request

Brushed outer finish

on special request

Larger tanks on request

RECTANGULAR BASE TANK RS-MO / STACKING TANK RA-MO: TANK CROSS SECTION 900 X 1,400 MM

| Capacity | B | T | h1 | h2 | h3 | D1 | D2 | h4 | h5 | D3 | D4 | H | Order No. | Order No. |
|----------|-----|-------|-------|-----|-----|-------|-------|----|-------|-------|-------|----|-----------------|-----------------|
| litres | mm | mm | mm | mm | mm | mm | mm | mm | mm | mm | mm | mm | RS-MO | RA-MO |
| 950 | 900 | 1,400 | 1,164 | 230 | 255 | 1,405 | 1,790 | 75 | 903 | 1,375 | 1,765 | * | RS-MO-090- 0950 | RA-MO-090- 0950 |
| 1,100 | 900 | 1,400 | 1,289 | 230 | 255 | 1,510 | 1,870 | 75 | 1,028 | 1,475 | 1,845 | * | RS-MO-090- 1100 | RA-MO-090- 1100 |
| 1,400 | 900 | 1,400 | 1,539 | 230 | 255 | 1,725 | 2,045 | 75 | 1,278 | 1,690 | 2,015 | * | RS-MO-090- 1400 | RA-MO-090- 1400 |
| 1,650 | 900 | 1,400 | 1,789 | 230 | 255 | 1,950 | 2,240 | 75 | 1,528 | 1,915 | 2,205 | * | RS-MO-090- 1650 | RA-MO-090- 1650 |
| 1,950 | 900 | 1,400 | 2,039 | 230 | 255 | 2,180 | 2,440 | 75 | 1,778 | 2,145 | 2,405 | * | RS-MO-090- 1950 | RA-MO-090- 1950 |
| 2,250 | 900 | 1,400 | 2,289 | 230 | 255 | 2,415 | 2,650 | 75 | 2,028 | 2,380 | 2,615 | * | RS-MO-090- 2250 | RA-MO-090- 2250 |
| 2,500 | 900 | 1,400 | 2,539 | 230 | 255 | 2,665 | 2,865 | 75 | 2,278 | 2,625 | 2,835 | * | RS-MO-090- 2500 | RA-MO-090- 2500 |
| 2,800 | 900 | 1,400 | 2,789 | 230 | 255 | 2,915 | 3,090 | 75 | 2,528 | 2,855 | 3,055 | - | RS-MO-090- 2800 | RA-MO-090- 2800 |
| 3,100 | 900 | 1,400 | 3,039 | 230 | 255 | 3,160 | 3,313 | 75 | - | - | - | - | RS-MO-090- 3100 | - |

Tank cross section 900 x 1,400 mm; maximum total volume per tank stack 4,000 litres

RECTANGULAR BASE TANK RS-MO / STACKING TANK RA-MO: TANK CROSS SECTION 1,100 X 1,600 MM

| Capacity | B | T | h1 | h2 | h3 | D1 | D2 | h4 | h5 | D3 | D4 | H | Order No. | Order No. |
|----------|-------|-------|-------|-----|-----|-------|-------|----|-------|-------|-------|----|----------------|----------------|
| litres | mm | mm | mm | mm | mm | mm | mm | mm | mm | mm | mm | mm | RS-MO | RA-MO |
| 1,500 | 1,100 | 1,600 | 1,297 | 230 | 245 | 1,610 | 2,015 | 70 | 1,048 | 1,580 | 1,990 | * | RS-MO-110-1500 | RA-MO-110-1500 |
| 1,900 | 1,100 | 1,600 | 1,547 | 230 | 245 | 1,810 | 2,175 | 70 | 1,298 | 1,780 | 2,150 | * | RS-MO-110-1900 | RA-MO-110-1900 |
| 2,300 | 1,100 | 1,600 | 1,797 | 230 | 245 | 2,025 | 2,355 | 70 | 1,548 | 1,990 | 2,325 | * | RS-MO-110-2300 | RA-MO-110-2300 |
| 2,700 | 1,100 | 1,600 | 2,047 | 230 | 245 | 2,245 | 2,545 | 70 | 1,798 | 2,210 | 2,515 | * | RS-MO-110-2700 | RA-MO-110-2700 |
| 3,100 | 1,100 | 1,600 | 2,297 | 230 | 245 | 2,475 | 2,750 | 70 | - | - | - | - | RS-MO-110-3100 | - |
| 3,500 | 1,100 | 1,600 | 2,547 | 230 | 245 | 2,705 | 2,960 | 70 | - | - | - | - | RS-MO-110-3500 | - |
| 3,900 | 1,100 | 1,600 | 2,797 | 230 | 245 | 2,940 | 3,175 | 70 | - | - | - | - | RS-MO-110-3900 | - |
| 4,300 | 1,100 | 1,600 | 3,047 | 230 | 245 | 3,185 | 3,395 | 70 | - | - | - | - | RS-MO-110-4300 | - |

Tank cross section 1,100 x 1,600 mm; maximum total volume per tank stack 5,000 litres

RECTANGULAR BASE TANK RS-MO / STACKING TANK RA-MO: TANK CROSS SECTION 1,300 X 1,800 MM

| Capacity | B | T | h1 | h2 | h3 | D1 | D2 | h4 | h5 | D3 | D4 | H | Order No. | Order No. |
|----------|-------|-------|-------|-----|-----|-------|-------|----|-------|-------|-------|----|-----------------|-----------------|
| litres | mm | mm | mm | mm | mm | mm | mm | mm | mm | mm | mm | mm | RS-MO | RA-MO |
| 2,000 | 1,300 | 1,800 | 1,316 | 195 | 235 | 1,720 | 2,165 | 90 | 1,084 | 1,715 | 2,160 | * | RS-MO-130- 2000 | RA-MO-130- 2000 |
| 2,500 | 1,300 | 1,800 | 1,566 | 195 | 235 | 1,905 | 2,315 | 90 | 1,334 | 1,905 | 2,315 | * | RS-MO-130- 2500 | RA-MO-130- 2500 |
| 3,000 | 1,300 | 1,800 | 1,816 | 195 | 235 | 2,110 | 2,480 | 90 | 1,584 | 2,110 | 2,480 | * | RS-MO-130- 3000 | RA-MO-130- 3000 |
| 3,500 | 1,300 | 1,800 | 2,066 | 195 | 235 | 2,325 | 2,665 | 90 | 1,834 | 2,325 | 2,665 | * | RS-MO-130- 3500 | RA-MO-130- 3500 |
| 4,000 | 1,300 | 1,800 | 2,316 | 195 | 235 | 2,540 | 2,855 | 90 | 2,084 | 2,540 | 2,855 | * | RS-MO-130- 4000 | RA-MO-130- 4000 |
| 4,500 | 1,300 | 1,800 | 2,566 | 195 | 235 | 2,765 | 3,060 | 90 | - | - | - | - | RS-MO-130- 4500 | - |
| 5,000 | 1,300 | 1,800 | 2,816 | 195 | 235 | 2,995 | 3,265 | 90 | - | - | - | - | RS-MO-130- 5000 | - |
| 5,600 | 1,300 | 1,800 | 3,066 | 195 | 235 | 3,230 | 3,480 | 90 | - | - | - | - | RS-MO-130- 5600 | - |

Tank cross section 1,300 x 1,800 mm; maximum total volume per tank stack 7,000 litres

* The respective height H is calculated as follows: $H = h1 + h4 + h5$

RECTANGULAR BASE TANK RS-MO / STACKING TANK RA-MO: TANK CROSS SECTION 1,500 X 2,000 MM

| Capacity | B | T | h1 | h2 | h3 | D1 | D2 | h4 | h5 | D3 | D4 | H | Order No. | Order No. |
|----------|-------|-------|-------|-----|-----|-------|-------|-----|-------|-------|-------|----|----------------|----------------|
| litres | mm | mm | mm | mm | mm | mm | mm | mm | mm | mm | mm | mm | RS-MO | RA-MO |
| 2,600 | 1,500 | 2,000 | 1,383 | 215 | 250 | 1,875 | 2,350 | 110 | 1,129 | 1,890 | 2,360 | * | RS-MO-150-2600 | RA-MO-150-2600 |
| 3,200 | 1,500 | 2,000 | 1,633 | 215 | 250 | 2,055 | 2,490 | 110 | 1,379 | 2,070 | 2,505 | * | RS-MO-150-3200 | RA-MO-150-3200 |
| 3,900 | 1,500 | 2,000 | 1,883 | 215 | 250 | 2,250 | 2,655 | 110 | 1,629 | 2,270 | 2,670 | * | RS-MO-150-3900 | RA-MO-150-3900 |
| 4,500 | 1,500 | 2,000 | 2,133 | 215 | 250 | 2,455 | 2,830 | 110 | 1,879 | 2,475 | 2,845 | * | RS-MO-150-4500 | RA-MO-150-4500 |
| 5,200 | 1,500 | 2,000 | 2,383 | 215 | 250 | 2,670 | 3,015 | 110 | 2,129 | 2,690 | 3,030 | * | RS-MO-150-5200 | RA-MO-150-5200 |
| 5,800 | 1,500 | 2,000 | 2,633 | 215 | 250 | 2,890 | 3,210 | 110 | 2,379 | 2,905 | 3,225 | * | RS-MO-150-5800 | RA-MO-150-5800 |
| 6,500 | 1,500 | 2,000 | 2,883 | 215 | 250 | 3,110 | 3,410 | 110 | - | - | - | - | RS-MO-150-6500 | - |
| 7,200 | 1,500 | 2,000 | 3,133 | 215 | 250 | 3,440 | 3,620 | 110 | - | - | - | - | RS-MO-150-7200 | - |

Tank cross section 1,500x2,000 mm; maximum total volume per tank stack 10,200 litres

* The respective height H is calculated as follows: $H = h1 + h4 + h5$

SLANTED RECTANGULAR TANKS FOR SLANTED CELLAR CEILINGS

| Tank cross section | Dimension A | Dimension A | Nominal volume RS-MO / RA-MO minus | Order No. |
|--------------------|-------------|-------------|------------------------------------|-----------|
| mm | mm | mm | | |
| 900 x 1,400 | 650 | 490 | 130 litres | OB 040Q |
| 1,100 x 1,600 | 750 | 600 | 160 litres | OB 040Q |
| 1,300 x 1,800 | 850 | 713 | 210 litres | OB 040Q |
| 1,500 x 2,000 | 950 | 847 | 260 litres | OB 040Q |

(not possible with base tank for tank stacks)

**Perfect use of space
for vaulted cellars!**

